

Converting Colors

Android(4280380671)

Have a look what the booklet for
Android(4280380671) contains.

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Color

Android(4280380671)

Conversions

Conversions Part 1

Format	Color
Hex	216CFF
RGB	33, 108, 255
RGB Percent	13%, 42%, 100%
CMY	0.8706, 0.5765, 0.0000
CMYK	0.87, 0.58, 0.00, 0.00
HSL	220°, 100%, 56%
HSV	220°, 87%, 100%
XYZ	24.0398, 18.2685, 96.8669
YIQ	102.3330, -91.8870, 29.8170

Conversions

Conversions Part 2

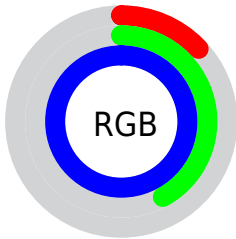
Format	Color
R _Y B	33, 89, 255
Decimal	2190591
CIE Lab	49.82, 32.50, -78.87
CIE LCh	50, 85.304, 292.393
Yxy	18.2685, 0.1727, 0.1313
Android (android.graphics.Color)	4280380671 (0xFF216CFF)
YUV	102.3330, 75.2648, -60.8050
Hunter-Lab	42.7416, 25.5984, -104.4519

Details

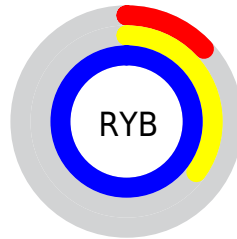
The Android color `4280380671` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4294947873`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4286160895`, and `4278206149` is the 20% darker color. If you saturate the color by 10%, you get `4278737919`, and if you desaturate by 10%, it is `4282023423`.

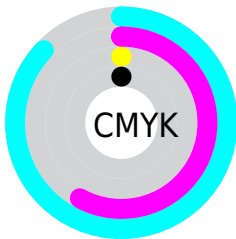
Distribution



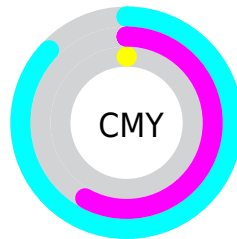
- Red (13%)
- Green (42%)
- Blue (100%)



- Red (13%)
- Yellow (35%)
- Blue (100%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280380671 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280380671 by changing the saturation by 10% instead.

 4280380671

 4280380671

4294967295

 4278211810

 4286160895

 4278206149

 4288395775

 4278201001

 4290500095

 4278196366

 4292604415

 4278190195

 4294705151

 4278193498

 4278191937

 4278190890

 4278190356

■ 4280380671

■ 4280380671

■ 4278737919

■ 4282023423

■ 4278212351

■ 4283731711

■ 4285374463

■ 4287082751

■ 4288790783

■ 4290433535

■ 4292076287

■ 4293784575

4294967295

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278224639



4280380671



4290265040

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280380671



4291971072



4278227809

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280380671



4294947873

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278226433



4280380671



4288703744

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280380671



4293787717



4284252928



4278228140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280380671



4292739236



4284252928



4278227527

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280380671



4290630655



4280418225



4283983232



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280380671



4278212351



4282524159



4285757312



4278206911



4278195776

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294910316



4294901846



4292804385



4286608247



4290707521



4282384406

Previews

White Background



This preview shows how the Android color 4280380671 looks on a white background.

Color Contrast Check

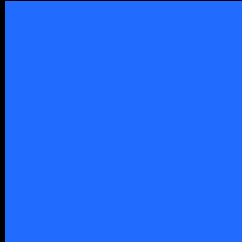
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280380671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

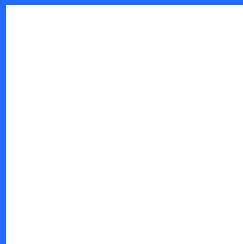
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280380671 Background



This preview shows how black text looks on a background with the Android color 4280380671.



This preview shows how white text looks on a background with the Android color 4280380671.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4280380671

Protanopia
4278219248

Deuteranopia
4278221006

Trichromacy



Original Color
4280380671

Protanomaly
4279005173

Deuteranomaly
4279006432

Tritanomaly
4279008181

Monochromacy



Original Color
4280380671

Achromatopsia
4284900966

Achromatomaly
4283263134

CSS Examples

Text

The CSS property to change the color of the text to Android 4280380671 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(33, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 108, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(33, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 108, 255) }
```

Border

The CSS property to change the border of an element to Android 4280380671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(33, 108, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(33, 108, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(33, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 108,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280380671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 108, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(33, 108,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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